



The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

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GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

08/31/2011

Ryan Mingo  
Assistant District Attorney, Suffolk County

Dear ADA Mingo,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631

## Curriculum Vitae

**Annie Khan (Dookhan)**

### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

### Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Responsible for the Quality Control/Quality Assurance program for the drug lab.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

### Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Daniel Renczkowski

### Education

Degree: Bachelors of Science in Forensic Chemistry,  
May 2005 from Buffalo State College  
GPA: 3.84, Dean's List, Honor's Recognition  
American Chemical Society Undergraduate Award  
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

### Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

### Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

**DRUG RECEIPT**

CC # \_\_\_\_\_

BOOK # \_\_\_\_\_

PAGE # \_\_\_\_\_

DESTRUCTION # \_\_\_\_\_

District/Unit \_\_\_\_\_

Name &amp; Rank of Arresting Officer \_\_\_\_\_

ID# \_\_\_\_\_

DEFENDANT'S NAME

ADDRESS

CITY

STATE

Boston

MA

DESCRIPTION OF ITEMS SUBMITTED

GROSS  
QUANTITYGROSS  
WEIGHT

## LAB USE ONLY

ANALYSIS  
NUMBER

CRACK COCAINE

1 p/B

2.04g

To be completed by ECU personnel only

Name and Rank of Submitting Officer \_\_\_\_\_

ID# \_\_\_\_\_

Received by \_\_\_\_\_

Date \_\_\_\_\_

ECU Control # \_\_\_\_\_

No. [REDACTED] Date Analyzed: 4-12-11  
City: Boston D.C.U. Police Dept.  
Officer: P.O. Diana Lopez  
Def: [REDACTED]  
Amount: Subst: SUB  
No. Cont: 1 Cont: pb  
Date Rec'd: 03/23/2011 No. Analyzed:  
Gross Wt.: 2.04 Net Weight:  
# Tests: 600  
• 1 DJR  
Prelim: ? acetaminophen. Findings: Negative

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ASJ

No. of samples tested:           

Evidence Wt.           

## PHYSICAL DESCRIPTION:

white chunky substance  
7-pb.

Gross Wt ( ): 0.1608

Gross Wt ( ):           

Pkg. Wt:           

Net Wt: 0.1139

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( - )           

Marquis ~~FFFF~~ ASJ -

Froehde's blue

Mecke's -

### Microcrystalline Tests

Gold  
Chloride           

TLTA ( )           

### OTHER TESTS

0.11g -

GC = +

## PRELIMINARY TEST RESULTS

RESULTS acetaminophen

DATE 04-04-11

## GC/MS CONFIRMATORY TEST

RESULTS Negative

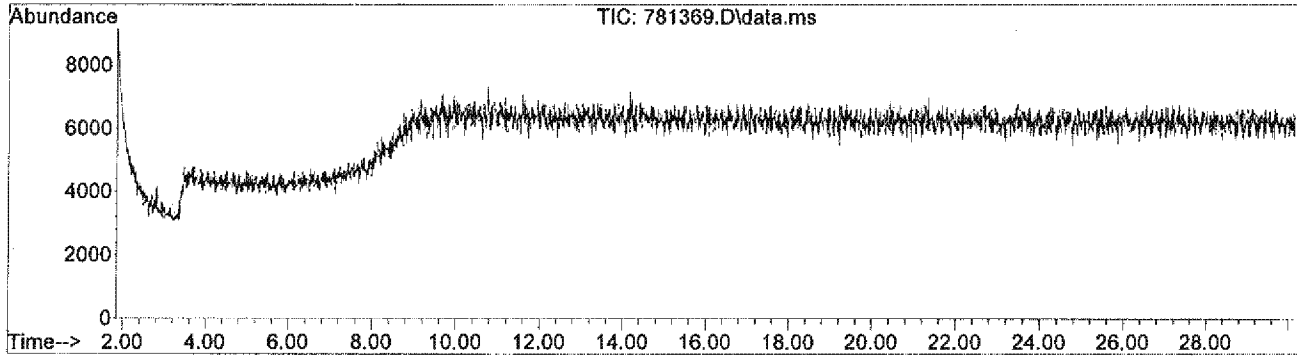
MS  
OPERATOR DJR

DATE 4-12-11

Information from Data File:

File Name : D:\System8\04\_08\_11\781369.D  
 Operator : DJR  
 Date Acquired : 9 Apr 2011 6:20  
 Sample Name : BLANK  
 Submitted by : ASD  
 Vial Number : 2  
 AcquisitionMeth: SCREEN.M  
 Integrator : RTE

✓ DJR  
8-30-11

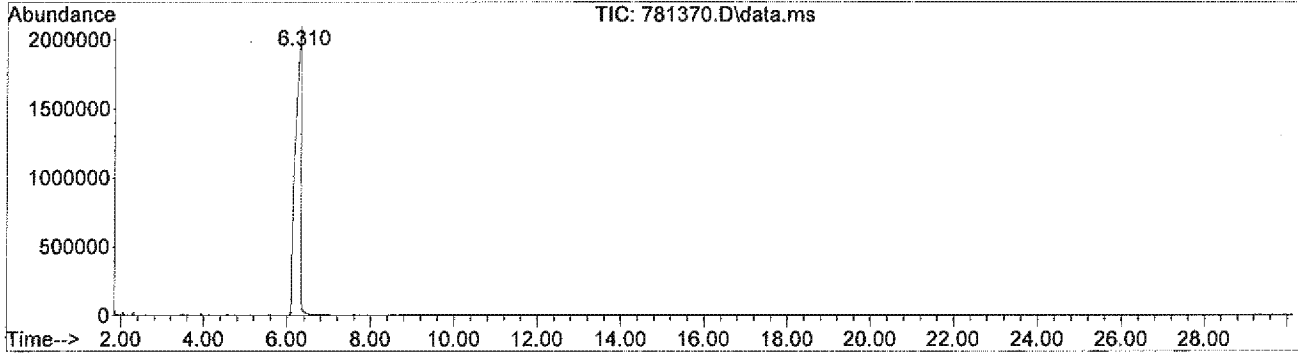


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

Information from Data File:

File Name : D:\System8\04\_08\_11\781370.D  
 Operator : DJR  
 Date Acquired : 9 Apr 2011 6:53  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 70  
 AcquisitionMeth: SCREEN.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.310	20073316	100.00	100.00



# Area Percent / Library Search Report

**Information from Data File:**

```

File Name       : D:\System8\04_08_11\781370.D
Operator        : DJR
Date Acquired   :  9 Apr 2011   6:53
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 70
AcquisitionMeth : SCREEN.M
Integrator      : RTE
  
```

```

Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 80
                  C:\Database\PMW_TOX2.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	6.31	C:\Database\NIST08.L		
		Acetaminophen	000103-90-2	97
		Acetaminophen	000103-90-2	95
		Acetaminophen	000103-90-2	94

